

Converting Colors

CIELCh(67, 40.330, 351.079)

Have a look what the booklet for
CIELCh(67, 40.330, 351.079)
contains.

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Color

CIELCh(67, 40.350, 351.395)

Conversions

Conversions Part 1

Format	Color
Hex	E287AF
RGB	226, 135, 175
RGB Percent	89%, 53%, 69%
CMY	0.1134, 0.4702, 0.3134
CMYK	0.00, 0.40, 0.23, 0.11
HSL	334°, 61%, 71%
HSV	334°, 40%, 89%
XYZ	47.8130, 36.6320, 45.1501
YIQ	166.7690, 41.3960, 31.7320

Conversions

Conversions Part 2

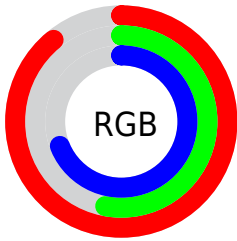
Format	Color
R_{YB}	226, 135, 175
Decimal	14845871
CIE _{Lab}	67.00, 39.90, -6.04
CIE _{LCh}	67, 40.350, 351.395
Yxy	36.6320, 0.3689, 0.2827
Android (android.graphics.Color)	4293035951 (0xFFE287AF)
YUV	166.7690, 4.0579, 51.9456
Hunter-Lab	60.5244, 35.0937, -1.8622

Details

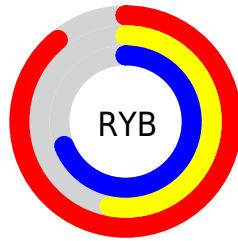
The CIELCh color $67, 40.350, 351.395$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $84, 37.787, 162.928$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 31.302, 339.954$, and $47, 40.455, 351.234$ is the 20% darker color. If you saturate the color by 10%, you get $62, 50.003, 352.963$, and if you desaturate by 10%, it is $72, 30.268, 350.074$.

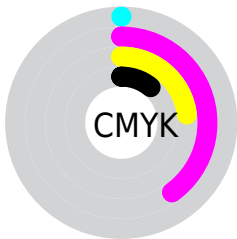
Distribution



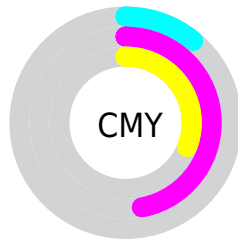
- Red (89%)
- Green (53%)
- Blue (69%)



- Red (89%)
- Yellow (53%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (11%)





- Cyan (11%)
- Magenta (47%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 40.350, 351.395 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 67, 40.350, 351.395 by changing the saturation by 10% instead.

 67, 40.350,
351.395


 67, 40.350,
351.395


 100, 40.350,
351.395


 57, 40.350,
351.395


 87, 40.350,
351.395

 47, 40.350,
351.395

 97, 40.350,
351.395

 37, 40.350,
351.395

 27, 40.350,
351.395

 17, 40.350,
351.395

 7, 40.350, 351.395

 0, 40.350, 351.395

67, 40.350,
351.395

67, 40.350,
351.395

62, 50.003,
352.963

72, 30.268,
350.074

58, 58.793,
354.867

78, 20.094,
348.931

54, 66.201,
357.238

84, 10.044,
347.910

51, 71.760, 0.239

90, 0.249, 345.181

49, 75.257, 4.048

96, 9.224, 166.319

48, 77.134, 8.541

98, 10.117,
187.500

98, 9.814, 198.853

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67, 40.350, 351.395



84, 37.787, 162.928

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 40.350, 351.395



67, 40.350, 41.395



67, 40.350, 171.395



67, 40.350, 221.395

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67, 40.347, 351.396



92, 12.996, 348.091



64, 53.190, 312.693



48, 8.636, 348.222



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 40.347, 351.396



71, 52.780, 352.638



67, 36.291, 26.881



44, 5.524, 347.831



37, 63.924, 7.637



6, 25.923, 359.085

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67, 40.347, 351.396



71, 52.780, 352.638



83, 27.004, 202.757



44, 5.524, 347.831



37, 63.924, 7.637



6, 25.923, 359.085

Previews

White Background



This preview shows how the CIELCh color 67, 40.350, 351.395 looks on a white background.

Color Contrast Check

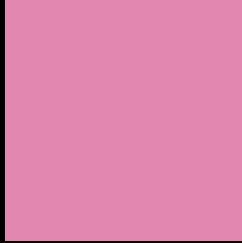
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 40.350, 351.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

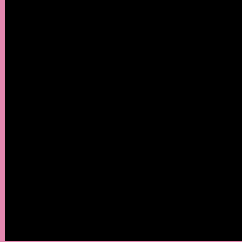
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 40.350, 351.395

Background



This preview shows how black text looks on a background with the CIELCh color 67, 40.350, 351.395.

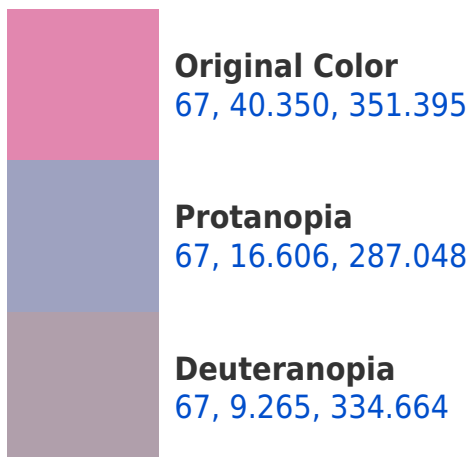


This preview shows how white text looks on a background with the CIELCh color 67, 40.350, 351.395.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
67, 34.175, 13.950

Trichromacy



Original Color
67, 40.350, 351.395

Protanomaly
67, 22.042, 322.926

Deuteranomaly
67, 20.660, 345.650

Tritanomaly
67, 35.883, 4.898

Monochromacy



Original Color
67, 40.350, 351.395

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 15.080, 347.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 40.350, 351.395 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 135, 175)` looks like.

```
.text, #text, p{  
    color:rgb(226, 135, 175)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 135, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 135, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 40.350, 351.395 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 135, 175) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 135, 175) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 135, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 135, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 135, 175);  
box-shadow:4px 4px 4px 4px rgb(226, 135,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 40.350, 351.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 135, 175) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
135, 175) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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